CLAIMS

1	1. A face-mounted apparatus having spectacles and a video display integrated into
2	the spectacles, the apparatus comprising:
3	an image-producing source; and
4	a virtual image diffuser having a display, a mirror, and a terminal lens, the virtual image
5	diffuser being attached to a facial mounting and displaying virtual images from the image-
6	producing source,
7	wherein the virtual image diffuser is positioned on the facial mounting away from a main
8	line of sight of a user, the virtual image diffuser directing a biased diffusion towards the user's
9	pupil of virtual images projected by the terminal lens.
1	2. The apparatus of claim 1, wherein the display, the mirror, and the terminal lens
2	are together carried by a chassis attached to a mounting such that the mounting is equipped with
3	a mechanism for adjusting the position of the image projected towards the user's pupil, starting
4	from a displacement of the virtual image diffuser.
1	3. The apparatus of claim 2, wherein the chassis is arranged in an envelope inside
2	which the display, the mirror, and the terminal lens are attached, such that the chassis is arranged
3	in a dark chamber inside which the virtual image diffuser are assembled in proximity to one
4	another.
1	4. The apparatus of claim 3, wherein the dark chamber is composed of two half-
2	shells joined together by interlocking, and which accommodate between them the display,
3	mirror, and terminal lens.
1	5. The apparatus of claim 1, wherein the virtual image diffuser is oriented between
2	29.7° and 41.7° laterally off of the main line of sight

1° and 19° laterally off of the main line of sight and in a lower half of the facial mounting.

The apparatus of claim 1, wherein the virtual image diffuser is oriented between

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- 7. The apparatus of claim 1, wherein the terminal lens is equipped with a mechanism for adjusting its focal length.
- 1 8. The apparatus of claim 1, further comprising a support unit arranged in a case of 2 two half-shells joined together by interlocking to envelope the virtual image diffuser.
- 1 9. The apparatus of claim 1, further comprising a audio connector which receives 2 audio from a control unit.
- 1 10. The apparatus of claim 1, further comprising a control unit including a power 2 source.
- 1 11. The apparatus of claim 2, wherein the mechanism for adjusting the position of the 2 image projected towards the user's pupil includes a knob.
- 1 12. The apparatus of claim 2, wherein mechanism for adjusting the position of the 2 image projected towards the user's pupil comprises pre-defined notches in the chassis.